

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL		1. WELL NAME and NUMBER Tidewater Federal 12-24D-2118
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		3. FIELD OR WILDCAT WILDCAT
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO		5. UNIT or COMMUNITIZATION AGREEMENT NAME CRESCENT
6. NAME OF OPERATOR TIDEWATER OIL & GAS COMPANY, LLC		7. OPERATOR PHONE 303 468-0656 201
8. ADDRESS OF OPERATOR 110 16th St Ste 1220, Denver, CO, 80202		9. OPERATOR E-MAIL jjones@tidewater-oil.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU-20784	11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		13. NAME OF SURFACE OWNER (if box 12 = 'fee')
14. SURFACE OWNER PHONE (if box 12 = 'fee')		15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')
16. SURFACE OWNER E-MAIL (if box 12 = 'fee')		17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')
18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1290 FSL 1490 FWL	NESW	12	21.0 S	18.0 E	S
Top of Uppermost Producing Zone	1844 FSL 2163 FWL	SWNE	12	21.0 S	18.0 E	S
At Total Depth	1844 FSL 2163 FWL	SWNE	12	21.0 S	18.0 E	S

21. COUNTY GRAND	22. DISTANCE TO NEAREST LEASE LINE (Feet) 460	23. NUMBER OF ACRES IN DRILLING UNIT 40
24. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 872	25. PROPOSED DEPTH MD: 5603 TVD: 5500	
26. ELEVATION - GROUND LEVEL 5136	27. BOND NUMBER UTB-000211	28. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Town of Thompson Springs


Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	20	16	0 - 40	65.0	H-40 ST&C	8.5	Class G	50	1.18	15.0
Surf	12.25	9.625	0 - 600	36.0	J-55 ST&C	9.0	Rockies Lite	200	2.08	12.8
Prod	7.875	5.5	0 - 5603	17.0	N-80 LT&C	9.5	Rockies Lite	450	2.08	12.8

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

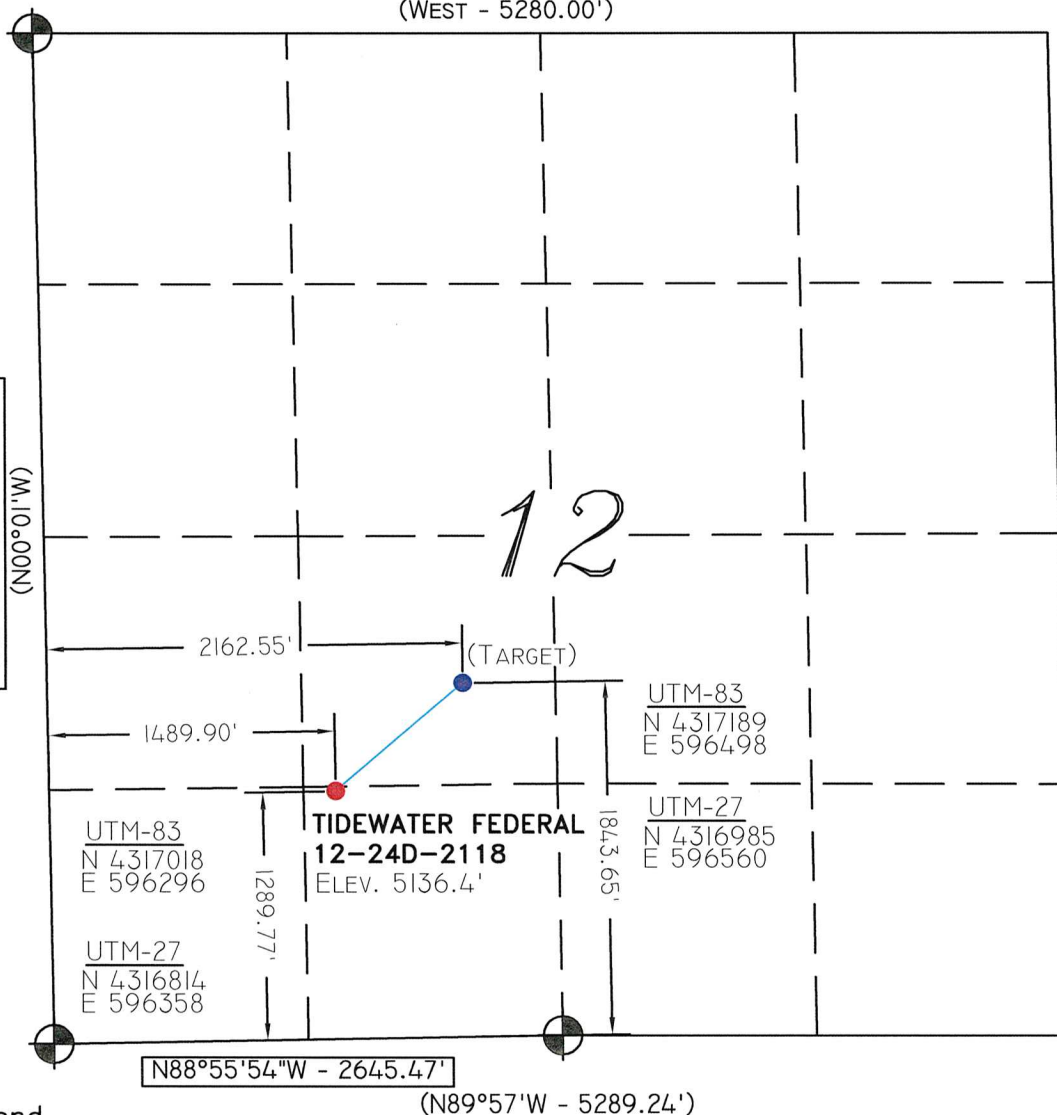
NAME Walter Lowry	TITLE Engineer	PHONE 303 884-5505
SIGNATURE	DATE 07/13/2012	EMAIL wlowry@tidewater-oil.com
API NUMBER ASSIGNED 43019500250000	APPROVAL  Permit Manager	

Range 18 East

(WEST - 5280.00')

Township 21 South

N01°02'17"W - 5284.09'
(N00°01'1"W)



Legend

- Drill Hole Location
- ⊙ Metal Cap (Found)
- Brass Cap (Searched for, but not found)
- △ Calculated Corner
- () GLO
- GPS Measured

NOTES:

1. UTM and Latitude / Longitude Coordinates are derived using a GPS Pathfinder.

SURFACE		TARGET		SURFACE-NAD 27		TARGET-NAD 27	
NAD 83/WGS 84		NAD 83/WGS 84		NAD 83/WGS 84		NAD 83/WGS 84	
LAT / LONG		LAT / LONG		LAT / LONG		LAT / LONG	
38°59'48.754"N		38°59'54.220"N		38°59'48.858"N		38°59'54.325"N	
109°53'16.781"W		109°53'08.298"W		109°53'14.304"W		109°53'05.821"W	

Location:

The well location was determined using a Trimble 5700 GPS survey grade unit.

Basis of Bearing:

The Basis of Bearing is GPS Measured.

GLO Bearing:

The Bearings indicated are per the recorded plat obtained from the U.S. Land Office.

Basis of Elevation:

Basis of Elevation of 5175' being at the South Quarter Section Corner of Section 12, Township 21 South, Range 18 East, Salt Lake Base and Meridian, as shown on the Hatch Mesa Quadrangle 7.5 minute series map.

Description of Location:

Surface

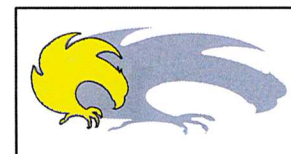
Proposed Drill Hole located in the SE/4 SW/4 of Section 12, T21S, R18E, S.L.B.&M., being North 1289.77' from the South Line and East 1489.90' from the West Line of Section 12, T21S, R18E, Salt Lake Base & Meridian.

Target

Proposed Target located in the NE/4 SW/4 of Section 12, T21S, R18E, S.L.B.&M., being North 1843.65' from the South Line and East 2162.55' from the West Line of Section 12, T21S, R18E, Salt Lake Base & Meridian.

Surveyor's Certificate:

I, John S. Huefner, a Professional Land Surveyor, holding Certificate No. 144842 State of Utah, do hereby certify that the information on this drawing is a true and accurate survey based on data of record and was conducted under my personal direction and supervision as shown hereon.



TALON RESOURCES, INC.

615 North 400 East P.O. Box 1230

Huntington, Utah 84528

Phone (435)687-5310 Fax (435)687-5311

E-Mail talon @ etv.net

TIDEWATER

TIDEWATER FEDERAL
12-24D-2118

Section 12, T21S, R18E, S.L.B.&M.
Grand County, Utah

GRAPHIC SCALE

0 500' 1000'
(IN FEET)
1 inch = 1000 ft.
Revision: 4/10/12
Revision: 4/6/12

Drawn By: N. BUTKOVICH	Checked By: A.P.C./J.S.H.
Drawing No. A-1	Date: 3/26/12
	Scale: 1" = 1000'
Sheet 1 of 4	Job No. 5028